

CONTACT

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PORTFOLIO
sidysy.com

GITHUB
github.com/PapouSY

SKILLS

Languages
Java 8 / 11 / 17 / 21, JavaScript, TypeScript, PHP, SQL, HTML, CSS, XML

Frameworks
Spring Boot, Data, Security, Batch, MVC · Angular 14 / 16 · JPA / Hibernate · JSF · Struts · JUnit

Databases
Oracle, DB2, PostgreSQL, MySQL, MongoDB

Architecture
Microservices, REST, SOAP, SOA, JWT

CI/CD & quality
Jenkins, Docker, Maven, Sonar, unit and integration testing

Servers
Tomcat, WebLogic, WebSphere, JBoss · Linux, Unix

AI
Generative AI and LLMs: agents, API integration, coding assistants (Dyma certified)

Tools
IntelliJ, Eclipse, Git, Bitbucket, SVN, Postman, SoapUI, Jira, Confluence, HP ALM

Methods
Agile Scrum, UML, Merise · specifications, impact analysis, estimates

INDUSTRIES

Life & protection insurance · P&C insurance · Health insurance · Energy · Public sector

EDUCATION & CERTIFICATION

2026 Certificate in AI for developers: agents, code and APIs
Dyma · 28 hours

2012 MSc Computer Science — Software Eng. (year 2)
Aix-Marseille University

2011 MSc Computer Science — Software Eng. (year 1)
Aix-Marseille University

2010 Bachelor's degree in Computer Science
Aix-Marseille University

Sidy SY

Fullstack Java / Angular & AI Engineer

13 years of experience · Java 8 to 21 · Spring Boot · Angular 16 · Microservices · Generative AI

PROFILE

Fullstack Java / Angular engineer working across the whole lifecycle of business applications: requirements analysis, functional and technical specifications, design, development, testing, releases and production support as the application's go-to expert. 13 years with major insurance, health insurance, energy and public sector organisations. I now bring generative AI into my practice (coding assistants, code review, testing, documentation, smart features).

PROFESSIONAL EXPERIENCE

Covéa — GMF — Since 2021

Senior fullstack engineer

- "Plan de travail" team: enhancement projects, maintenance and technical/functional lead role
- Complaints management (ACPR regulatory impact) and JSF → Angular migration with the Sopra team
- DEFI tax reporting, glass-breakage claims extranet (BDG) and its back office: sole technical and functional lead
- Impact analysis, estimates, design, development, packaging and release follow-up
- Mentoring a junior developer

Stack : Java 8/11, Spring Boot, Angular 14/16, JPA, DB2, WebSphere, JBoss, Jira

Groupama G2S — 2019 – 2021

Software engineer

- REST and SOAP web services (SOA) and Java batch jobs for healthcare professionals' platforms
- SIPS, GDO (dental, optical, hearing) and ATPG (third-party payment) user interfaces
- Oracle scripts and procedures, code review, deployments up to production, business support

Stack : Java, Spring Security, JWT, Angular, Hibernate, Oracle, WebLogic

MGEN — 2017 – 2019

Experienced software engineer

- Inter-scheme transfer (MIR) and health insurance card projects: batch jobs (BMAS framework), migration to the JADE framework
- Transfer of the RNIAM reference data activities, detailed specifications, relational data model

Stack : Java EE, JSF, Struts 2, Hibernate, Oracle, WAS, SonarQube

PSA Peugeot Citroën — 2016 – 2017

Java EE software engineer

- Redesign of connected-vehicle contract management: sales journal, defect management, optimisation

Stack : Java EE, Spring, Hibernate, SOAP, Oracle, WebSphere

MGEN — 2015 – 2016

Java EE software engineer

- National Health Insurance (CNAMTS) "beneficiary information" services for healthcare professionals

Stack : Java EE, EJB, Struts, Hibernate, Jenkins, WebSphere, WebLogic

ERDF (Enedis) — 2014 – 2015

Java software engineer

- Qualification of Linky smart meters: security, protocol and functional test scenarios

Stack : Java, TTCN-3

Ministry of Justice — 2012 – 2014

Java EE software engineer

- Trade and personal-property credit register (RCCM): from feasibility study to deployment

Stack : Java EE, JSF 2, PrimeFaces, Spring, Hibernate, Oracle, PostgreSQL

PERSONAL PROJECTS

Plan de Travail — business management application in production (PHP, SQLite, JavaScript): dashboards, invoicing, petty cash, time tracking, messaging, interface in French, English and Wolof

laboratoiretfg.com — multilingual company website connected to the management application